

Listing of Claims:

The following listing of claims replaces all prior versions and listings of claims in the application:

1.-87. (Canceled)

88. (New) A polypeptide having the sequence SEQ ID NO:56.

89. (New) The polypeptide of claim 88, which is glycosylated.

90. (New) The polypeptide of claim 89, further comprising at least one PEG molecule covalently attached to the polypeptide.

91. (New) The polypeptide of claim 90, comprising one PEG molecule covalently attached to the polypeptide.

92. (New) The polypeptide of claim 91, wherein the PEG molecule has a molecular weight of about 12 kDa.

93. (New) The polypeptide of claim 91, wherein the PEG molecule has a molecular weight of about 20 kDa.

94. (New) A composition comprising the polypeptide of claim 89 and a pharmaceutically acceptable diluent, carrier, or excipient.

95. (New) A composition comprising the polypeptide of claim 93 and a pharmaceutically acceptable diluent, carrier, or excipient.

96. (New) A nucleic acid comprising a nucleotide sequence encoding the polypeptide of claim 88.
97. (New) An expression vector comprising the nucleic acid of claim 96.
98. (New) A glycosylating host cell comprising the expression vector of claim 97.
99. (New) The glycosylating host cell of claim 98, wherein the host cell is a CHO cell.
100. (New) A method of making a polypeptide, the method comprising: providing a culture comprising a glycosylating host cell, the glycosylating host cell comprising a nucleotide sequence which encodes the polypeptide of claim 88, culturing the culture under conditions which permit expression and glycosylation of the polypeptide, and recovering the polypeptide.
101. (New) The method of claim 100, wherein the glycosylating host cell is a CHO cell.
102. (New) The method of claim 100, further comprising attaching at least one PEG molecule to the polypeptide.
103. (New) A method of treating a mammal with a disease for which interferon β is a useful treatment, the method comprising administering to the mammal an effective amount of the composition of claim 95.
104. (New) The method of claim 103, wherein the disease is multiple sclerosis.
105. (New) A polypeptide having the sequence SEQ ID NO:57.
106. (New) The polypeptide of claim 105, which is glycosylated.

107. (New) The polypeptide of claim 106, further comprising at least one PEG molecule covalently attached to the polypeptide.
108. (New) The polypeptide of claim 107, comprising one PEG molecule covalently attached to the polypeptide.
109. (New) The polypeptide of claim 108, wherein the PEG molecule has a molecular weight of about 12 kDa.
110. (New) The polypeptide of claim 108, wherein the PEG molecule has a molecular weight of about 20 kDa.
111. (New) A composition comprising the polypeptide of claim 106 and a pharmaceutically acceptable diluent, carrier, or excipient.
112. (New) A composition comprising the polypeptide of claim 110 and a pharmaceutically acceptable diluent, carrier, or excipient.
113. (New) A nucleic acid comprising a nucleotide sequence encoding the polypeptide of claim 105.
114. (New) An expression vector comprising the nucleic acid of claim 113.
115. (New) A glycosylating host cell comprising the expression vector of claim 114.
116. (New) The glycosylating host cell of claim 115, wherein the host cell is a CHO cell.

117. (New) A method of making a polypeptide, the method comprising: providing a culture comprising a glycosylating host cell, the glycosylating host cell comprising a nucleotide sequence which encodes the polypeptide of claim 105, culturing the culture under conditions which permit expression and glycosylation of the polypeptide, and recovering the polypeptide.
118. (New) The method of claim 117, wherein the glycosylating host cell is a CHO cell.
119. (New) The method of claim 117, further comprising attaching at least one PEG molecule to the polypeptide.
120. (New) A method of treating a mammal with a disease for which interferon β is a useful treatment, the method comprising administering to the mammal an effective amount of the composition of claim 112.
121. (New) The method of claim 120, wherein the disease is multiple sclerosis.